



# UNITED STATES PATENT AND TRADEMARK OFFICE

MN

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/784,977	02/25/2004	Tsuyahiko Shimada	826.1931	8981

21171 7590 06/20/2007  
STAAS & HALSEY LLP  
SUITE 700  
1201 NEW YORK AVENUE, N.W.  
WASHINGTON, DC 20005

EXAMINER
----------

PATEL, MANGLESH M

ART UNIT	PAPER NUMBER
----------	--------------

2178

MAIL DATE	DELIVERY MODE
-----------	---------------

06/20/2007

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

## Interview Summary

Application No.

10/784,977

Applicant(s)

SHIMADA, TSUYAHIKO

Examiner

Manglesh M. Patel

Art Unit

2178

All participants (applicant, applicant's representative, PTO personnel):

(1) Manglesh M. Patel (USPTO).

(3) James Livingston (App's Rep).

(2) \_\_\_\_\_.

(4) \_\_\_\_\_.

Date of Interview: 13 June 2007.

Type: a) ☐ Telephonic b) ☐ Video Conference

c) ☒ Personal [copy given to: 1) ☐ applicant 2) ☒ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.

If Yes, brief description: \_\_\_\_\_.

Claim(s) discussed: 1.

Identification of prior art discussed: Schneider.


Agreement with respect to the claims f) ☐ was reached. g) ☒ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: See Continuation Sheet.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

  
Examiner's signature, if required

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: The ratio portion describing the increase of the useful to the entire area was discussed. The ratio is the zooming or focusing of the useful area which is similar to the expansion of the area pixel map described by Schneider. It was advised by the examiner that the limitation in claim two describing the direction be elaborated on. How and what is the direction? Such determination by the discrimination unit would have a significant advantage in the prior art, ex. Determining useful area quicker based on a direction that selects less than the predetermined number therefore not requiring an increase of ratio. All responses will be considered and are subjected to further searching.